

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| S1    | 5384 | (electromagnetic near5 filter)                            | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/18 09:10 |
| S2    | 15   | (electromagnetic near5 filter) and<br>(porous substrate)  | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/17 10:14 |
| S3    | 0    | ("2006/0150599").URPN.                                    | USPAT              | OR               | OFF     | 2007/07/12 14:51 |
| S4    | 822  | (electromagnetic near5 filter) and<br>carbon              | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/12 14:53 |
| S5    | 3    | (electromagnetic near5 filter) and<br>(carbon with grid)  | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/12 14:54 |
| S6    | 29   | (porous substrate with filter) and<br>electromagnetic     | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/12 14:59 |
| S7    | 49   | "4408255"   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/17 10:16 |
| S8    | 20   | "5689275"   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/17 10:16 |
| S9    | 12   | "5617095"   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/17 10:16 |
| S10   | 26   | "5428506"   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/12 15:47 |
| S11   | 186  | air filter and porous substrate                           | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/16 09:44 |
| S12   | 505  | air filter and polyurethane foam                          | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/12 15:48 |
| S13   | 0    | (air filter and polyurethane foam)<br>and electromagnetic | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/12 15:49 |
| S14   | 0    | (filter and polyurethane foam) and<br>electromagnetic     | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/12 15:49 |
| S15   | 32   | (air filter and polyurethane foam)<br>and electromagnetic | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/12 16:15 |
| S16   | 1850 | EMI filters   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/12 16:15 |
| S17   | 7    | (EMI filters) and (polyurethane<br>foam)                  | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/12 16:17 |
| S18   | 11   | (EMI filters) and (porous substrate)                      | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/16 08:49 |
| S19   | 0    | (EMI filters) and fire retardent                          | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/16 08:49 |
| S20   | 1    | (EMI filters) and fire retardant                          | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/16 08:49 |
| S21   | 9    | (EMI near2 filters) and fire<br>retardant                 | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/07/16 08:50 |

## EAST Search History

|     |     |  |                              |     |     |                  |
|-----|-----|--|------------------------------|-----|-----|------------------|
| S22 | 18  | ("3231663"   "3580981"   "5082734"   "5275861"   "5489489"   "5910639"   "6018125"   "6211458"   "6252161"   "6426459"   "6610922"   "6646197").PN. OR ("6870092").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 08:55 |
| S23 | 178 | (EMI near2 filter) and carbon  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 09:45 |
| S24 | 2   | (EMI near2 filter) and carbon same silica  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 09:45 |
| S25 | 315 | (EMI near2 filter) and adhesive  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 09:49 |
| S26 | 60  | (EMI near2 filter) and adhesive and rubber   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 10:06 |
| S27 | 1   | (EMI near2 filter) and electrical near2 absorber   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 10:07 |
| S28 | 10  | (EMI near2 filter) and electrical near2 absorb\$4  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 10:10 |
| S29 | 45  | (EMI near2 filter) and absorbing material  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 11:02 |
| S30 | 6   | ("3982058"   "5639989"   "5703761"   "5704117"   "6377475"   "6744640").PN. OR ("7129422").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 10:18 |
| S31 | 12  | "5703761"  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 10:19 |
| S32 | 5   | "5703761" and carbon   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 10:28 |
| S33 | 3   | "6704117"  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 10:28 |
| S34 | 21  | "5704117"  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 10:29 |
| S35 | 6   | "5704117" and carbon   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 10:42 |
| S36 | 6   | "5704117" and carbon and EMI   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 10:44 |
| S37 | 0   | 5377475I   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 10:44 |

## EAST Search History

|     |        |  |                              |     |     |                  |
|-----|--------|--|------------------------------|-----|-----|------------------|
| S38 | 10     | "5377475"  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 10:44 |
| S39 | 855496 | "5377475" B1   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 10:44 |
| S40 | 2      | "5377475" B1   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2007/07/16 10:45 |
| S41 | 5      | "6377475" B1   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2007/07/16 10:45 |
| S42 | 2      | "6377475" B1 and carbon  | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2007/07/16 10:45 |
| S43 | 1      | "6377475" B1 and absorb\$4   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2007/07/16 10:46 |
| S44 | 0      | (EMI near2 filter) and sappire   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 10:48 |
| S45 | 21     | (EMI near2 filter) and sapphire  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 10:57 |
| S46 | 27     | "6,225,876"  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 10:50 |
| S47 | 39     | (EMI near2 filter) and silica  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 10:58 |
| S48 | 6      | (EMI near2 filter) and absorbing material and silica   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 11:03 |
| S49 | 0      | (EMI near2 filter) and absorbing material and sappfire   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 11:03 |
| S50 | 1      | (EMI near2 filter) and absorbing material and sapphire   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 11:03 |
| S51 | 6      | (EMI near2 filter) and absorbing material and alumina  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 11:03 |
| S52 | 17     | (EMI near2 filter) and absorbing material and carbon   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 11:04 |
| S53 | 22     | "4408255" and (carbon OR ferrite OR iron OR iron silicide OR graphite OR titanium dioxide OR sapphire OR silical OR alumina) | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 11:10 |
| S54 | 11     | "5617095" and (carbon OR ferrite OR iron OR iron silicide OR graphite OR titanium dioxide OR sapphire OR silical OR alumina) | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/16 11:10 |

## EAST Search History

|     |     |   |                              |     |     |                  |
|-----|-----|---|------------------------------|-----|-----|------------------|
| S55 | 16  | ("20020029893"   "4408255"   "5170009"   "5428506"   "5539148"   "5617095"   "5639989"   "5689275"   "5841067"   "5864088"   "5938979"   "6243274"   "6416830"   "6455771"   "6545212"   "6607308").PN. OR ("7135643"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/07/16 11:13 |
| S56 | 16  | "5151222"   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/17 10:59 |
| S57 | 17  | "5151222"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/07/17 10:33 |
| S58 | 0   | "5151222" and fiber glass   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/07/17 10:15 |
| S59 | 2   | "5151222" and mat   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/07/17 10:15 |
| S60 | 1   | "4408255" and fiber glass   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/17 10:17 |
| S61 | 0   | "5689275" and fiber glass   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/17 10:17 |
| S62 | 0   | "5617095" and fiber glass   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/17 10:16 |
| S63 | 2   | "5617095" and mat   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/17 10:16 |
| S64 | 1   | "5689275" and mat   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/17 10:17 |
| S65 | 6   | "4408255" and mat   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/17 10:17 |
| S66 | 138 | substrate and (fiber with mat) and EMI  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/17 10:23 |
| S67 | 1   | "5151222" and underwriters  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/07/17 10:31 |
| S68 | 9   | "5151222" and filter  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/07/17 10:34 |
| S69 | 9   | "5151222" and air   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/07/17 10:34 |
| S70 | 4   | "5151222" and ppi   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/17 11:33 |
| S71 | 0   | 2005/0132885 and air  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/07/17 11:33 |

## EAST Search History

|     |      |  |                    |     |    |                  |
|-----|------|--|--------------------|-----|----|------------------|
| S72 | 1    | "20050132885" and air  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/17 13:20 |
| S73 | 5750 | Underwriters Laboratories  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/17 13:20 |
| S74 | 22   | Underwriters Laboratories Standard "94"                            | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/17 13:34 |
| S75 | 69   | honeycomb same EMI   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/17 17:07 |
| S76 | 47   | honeycomb same EMI and filter                                      | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/17 13:34 |
| S77 | 41   | honeycomb same EMI and layer                                       | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/17 17:10 |
| S78 | 32   | honeycomb same EMI and layer and filter                            | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 08:06 |
| S79 | 2    | honeycomb same EMI and non-woven polyester web                     | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 08:52 |
| S80 | 0    | honeycomb same EMI and nremoving excess                            | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 08:52 |
| S81 | 1    | honeycomb same EMI and removing excess                             | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 08:53 |
| S82 | 23   | EMI and (removing excess same solution)                            | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 08:54 |
| S83 | 8    | EMI and (removing excess same coat\$4)                             | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 08:58 |
| S84 | 1    | EMI and (removing excess same immers\$4)                           | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 08:58 |
| S85 | 2    | EMI and (removing excess same spray\$4)                            | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 08:58 |
| S86 | 6    | (electromagnetic near5 filter) and (removing excess)               | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 09:18 |
| S87 | 3    | (EMI near5 filter) and (removing excess)                           | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 09:18 |
| S88 | 1    | (remov\$4 near4 absorptive solution) and emi with filter           | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 09:19 |
| S89 | 0    | (remov\$4 near4 (electic\$4 with absorptive) ) and emi with filter | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 09:20 |
| S90 | 884  | EMI with coating   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 09:20 |
| S91 | 4    | "6680847"  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 11:22 |
| S92 | 0    | "6680847" and honeycombe   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 11:23 |
| S93 | 2    | "6680847" and honeycomb  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 11:24 |

## EAST Search History

|          |      |   |                    |     |    |                  |
|----------|------|---|--------------------|-----|----|------------------|
| S94      | 2    | aluminium honeycomb filter and emi                                | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 14:41 |
| S95      | 1    | "7135643" and frame   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:15 |
| S96      | 1252 | 55/524.ccls.  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:24 |
| S97      | 11   | 55/524.ccls. and EMI  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:24 |
| S98      | 22   | 55/524.ccls. and removing excess                                  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:34 |
| S99      | 1    | 55/524.ccls. and removing excess and emi                          | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:24 |
| S10<br>0 | 7    | 55/524.ccls. and EMI and vacuum                                   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:25 |
| S10<br>1 | 0    | 55/524.ccls. and EMI and unifor<br>distribution                   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:34 |
| S10<br>2 | 1    | 55/524.ccls. and EMI and uniform<br>distribution                  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:34 |
| S10<br>3 | 9    | EMI and uniform distribution same<br>excess                       | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:45 |
| S10<br>4 | 7    | EMI and uniform distribution same<br>excess and vacuum filtration | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:47 |
| S10<br>5 | 3509 | EMI and vacuum  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:47 |
| S10<br>6 | 229  | EMI near3 filter and vacuum                                       | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:48 |
| S10<br>7 | 35   | EMI near3 filter and vacuum and<br>(porous OR porous substrate)   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/18 15:48 |
| S10<br>8 | 12   | EMI and air flow characteristics                                  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/07/19 07:39 |